

# Approval Paper

## Internal Antenna

Manufacturer: SUPREMA

MODEL: BEW3-APB,BEW3-DB

PART No: BEW3 BLE Antenna **Antenna: RFID**

page2 ----- Spec

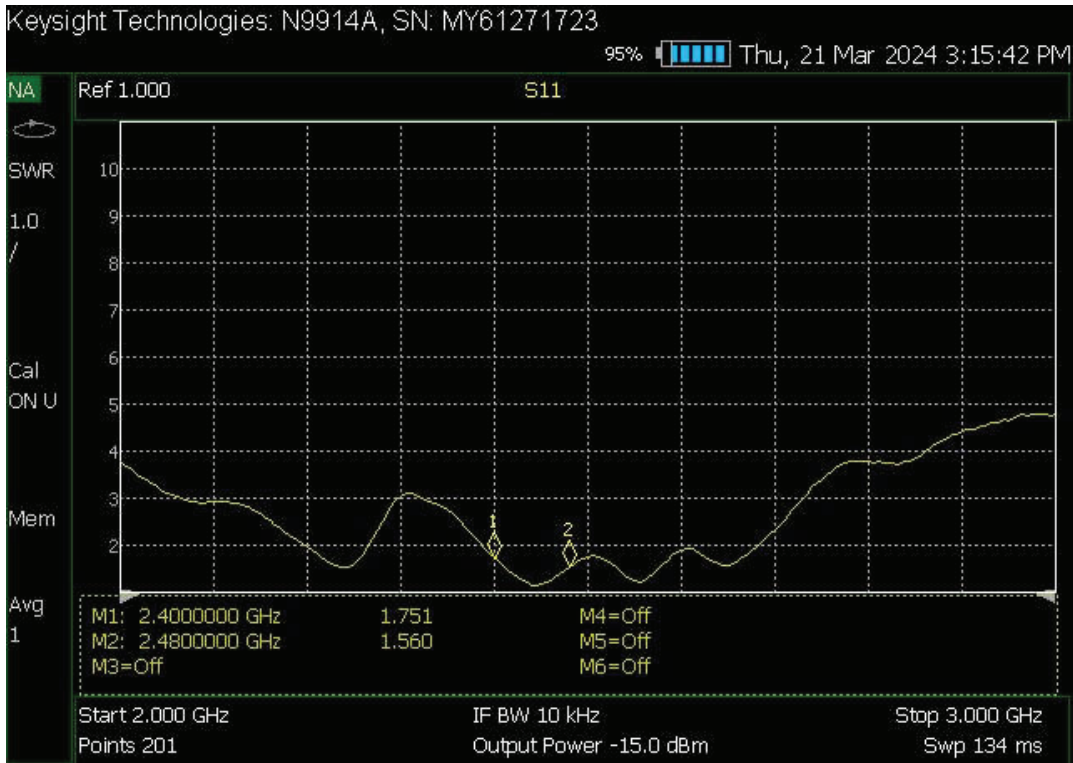
page3----- Electrical Performance Data

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# Spec

Band	2.4GHz ISM
Frequency	2.4~2.48GHz
VSWR	≤4.5
Peak Gain	0.91 ~ 2.58 dBi
Avg Gain	-6.58~-4.8 dBi
Directivity	Directional
Polarization	Linear
Impedance	50 Ohms
TYPE	PCB(FR4) type PIFA

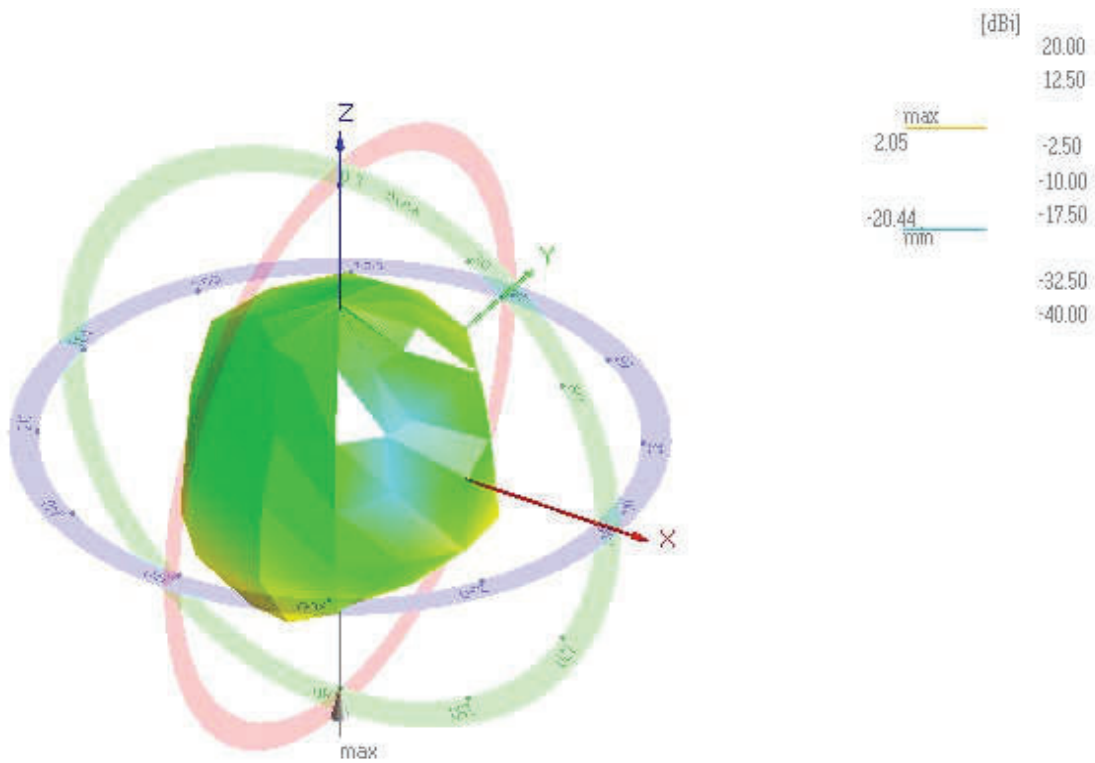
## VSWR



## Radiation

Freq.	PwrSum				
MHz	Eff.[%]	Avg.[dBi]	Peak[dBi]	$\theta$ [deg]	$\varphi$ [deg]
2.4	30.81	-5.11	2.05	180	300
2.43	33.13	-4.8	2.58	180	300
2.46	27.36	-5.63	1.8	180	300
2.48	21.96	-6.58	0.91	180	300

## Pattern



## Drawing

